

REMARKS

Amendments

Claim 17 is amended to remove the functional language. This amendment does not change the scope of the claim because the recited functionality is inherent in the recited structure. Claim 18 is amended to depend on claim 17, consistent with canceled claim 12. This amendment introduces no new matter.

35 USC 112, first paragraph (written description): Claim 17

Claim 17 requires a protein comprising SEQ ID NO:9. This sequence defines a novel third cIAP "BIR domain" defined by residues 287-334 of SEQ ID NO:2, which sequence is separately disclosed as SEQ ID NO:9.

The Specification expressly informs that the invention includes deletion mutants of cIAP (SEQ ID NO:2) which have a disclosed cIAP specific activity (p.3, lines 4-7). The Specification informs that the cIAP BIR domains (e.g. SEQ ID NO:9) represent novel protein:protein interaction domains (Specification, p.12, lines 13-14). The Specification teaches how multiple BIR domains can be mixed-and-matched in functional recombinant chimeras (e.g. Specification, p.12, lines 10-14). The Specification shows in experimental detail how to screen for interactions of such BIR domain containing proteins with proteins like TRAF1 and TRAF2 (e.g. Specification, p.11, line 27 - p.14, line 13). Accordingly, the Specification conveys both possession and use of proteins comprising the specifically recited cIAP BIR domain.

35 USC 102: Claim 18

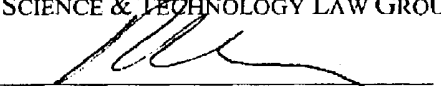
Claim 18, dependent on claim 17, requires the limitations of claim 17, including the BIR domain defined by SEQ ID NO:9, which is neither disclosed nor suggested by the cited Korneluk et al. (US Pat. No. 5,919,912).

The Examiner is invited to call the undersigned if he would like to amend the claims to clarify the foregoing or seeks further clarification of the claim language.

We petition for and authorize charging our Deposit Account No.19-0750 all necessary

extensions of time. The Commissioner is authorized to charge any fees or credit any overcharges relating to this communication to our Dep. Acct. No.19-0750 (order T95-005-2).

Respectfully submitted,
SCIENCE & TECHNOLOGY LAW GROUP



Richard Aron Osman, J.D., Ph.D., Reg. No. 36,627
Tel: (949) 218-1757; Fax: (949) 218-1767

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